

# **MarNIS contribution to e-Maritime**

**ECASBA  
SEMINAR 22-23.05.2007  
Brussels**

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**Maritime Transport Policy: Internal Market, Ports,  
Short-Sea Shipping. Inland Waterways  
European Commission, DG Transport and Energy**

**MarNIS**



## Objectives

- Improve safety, efficiency of maritime transport and the protection of the environment;
- Improve efficiency and reliability of information flows;
- Propose administrative, organisational and procedural changes;
- Propose new legislation and updates for the existing one.

# E-maritime: electronic capabilities for efficient maritime transport information sharing



## MarNIS Integrated approach

Maritime Information Management

Port  
Traffic  
Management

E-maritime

Traffic  
measures  
at sea

Info services  
on board

Systems and technology

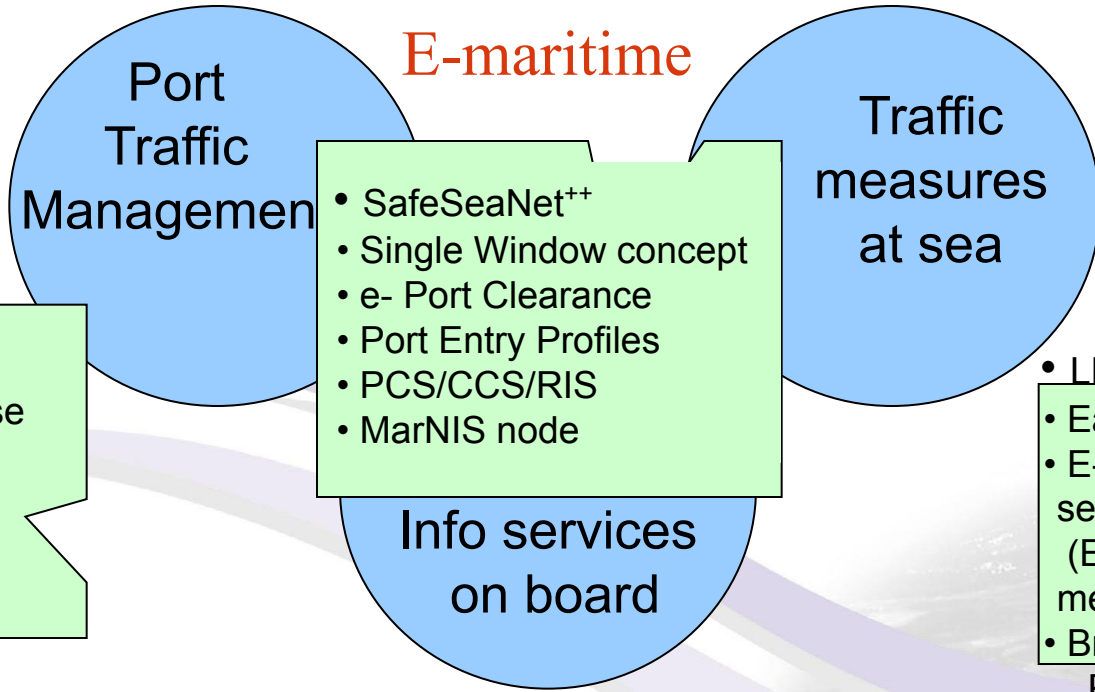


# MarNIS Integrated approach

- VTM assessment tools for ports
- Pilot decision support Tools
- Port Resource Planning

Maritime Information Management

- MOS (Maritime Operational Services)
- High Risk Vessels
- Dynamic Maritime Risk Areas

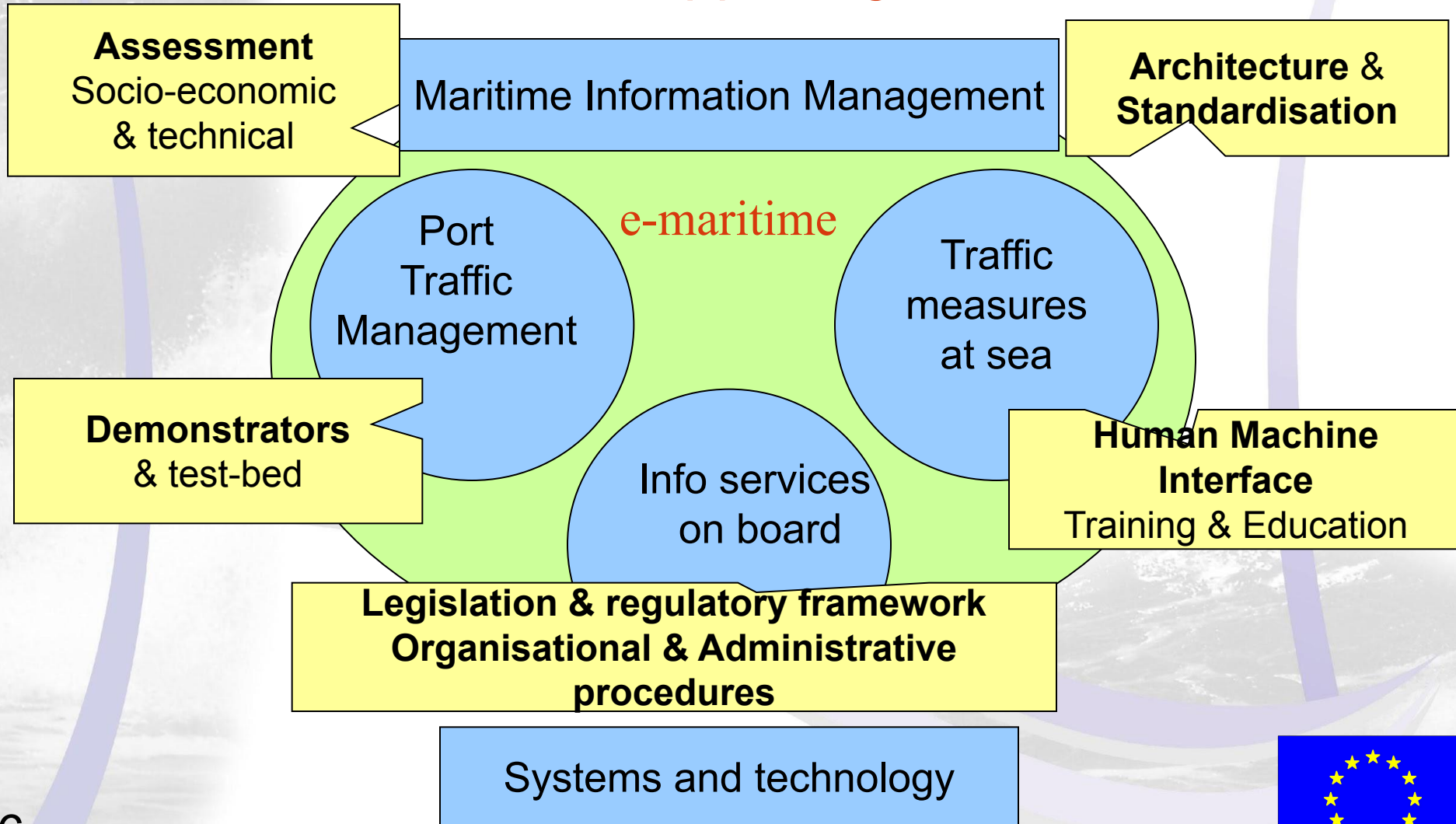


- Voyage planning
- Emergency response on board
- Ship-borne external information flows

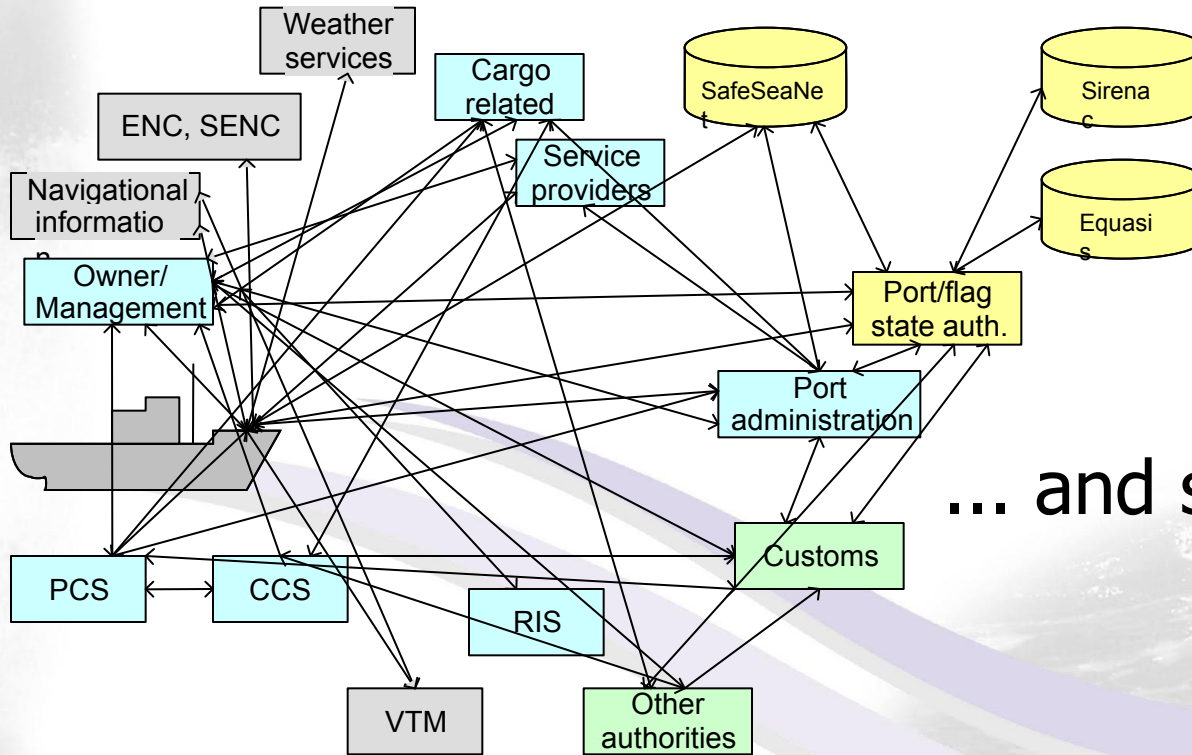
Systems and technology



## MarNIS Supporting activities

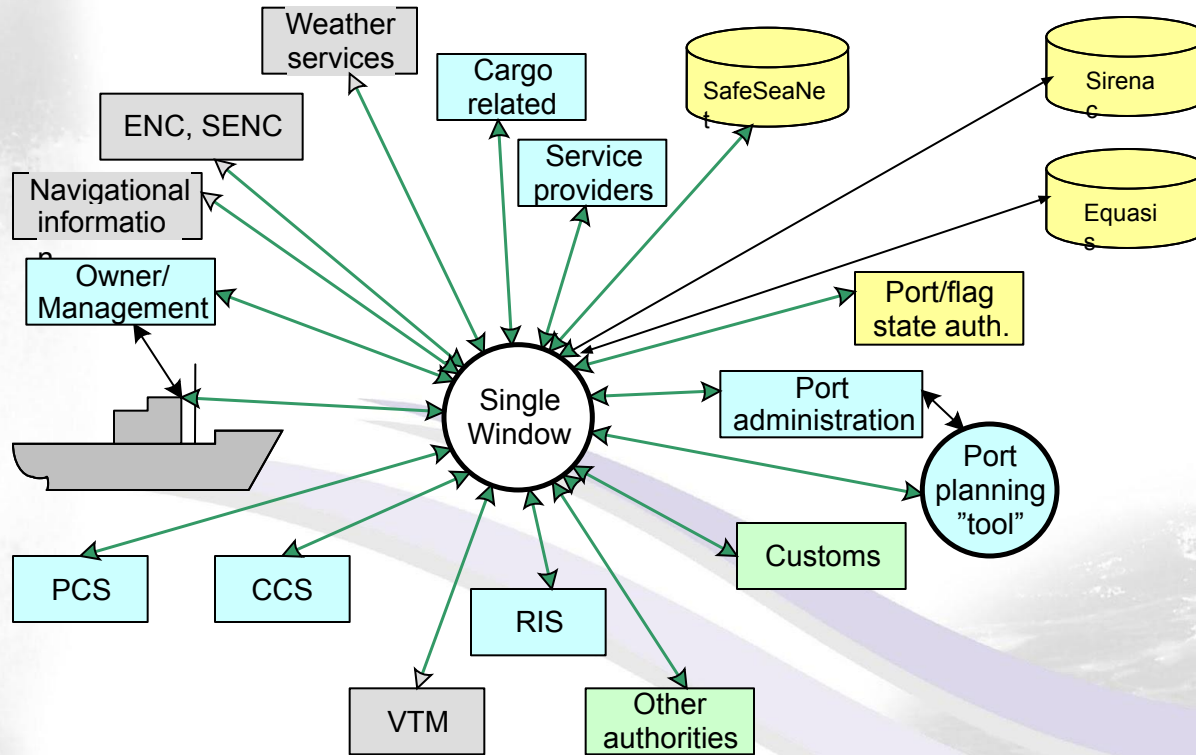


# Today's information flow



... and still not all!

# Maritime Information Management goals





[www.marnis.org](http://www.marnis.org)

A large ship, possibly a research vessel or a fishing boat, is silhouetted against a bright sunset. The sun is low on the horizon, creating a strong lens flare effect. The ship has a complex superstructure with various antennas and masts. The sea is dark with some whitecaps. In the background, there are faint outlines of mountains or hills.

*Thank you for your attention*